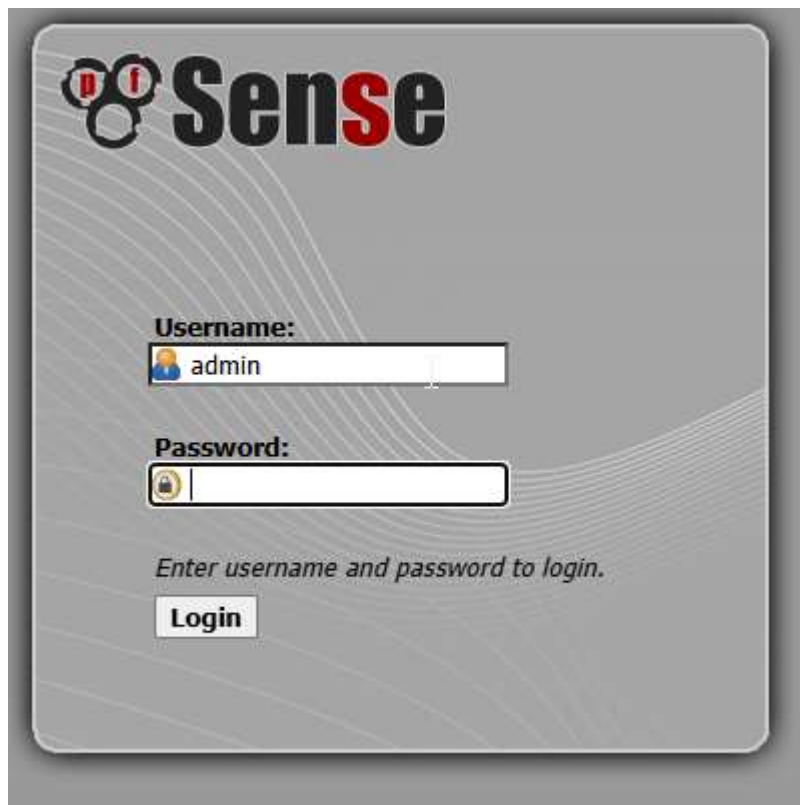


Login



The image shows a login interface for a system named "Sense". The interface is contained within a rounded rectangular box with a grey background and a subtle wavy pattern. At the top left, there is a logo consisting of three interlocking circles (two red, one black) followed by the word "Sense" in a bold, black, sans-serif font, where the "S" is red. Below the logo, there are two input fields. The first is labeled "Username:" and contains the text "admin" next to a small blue user icon. The second is labeled "Password:" and is empty, with a small yellow padlock icon to its left. Below these fields, there is a line of text: "Enter username and password to login." At the bottom of the form, there is a button labeled "Login".

Sense

Username:
admin

Password:

Enter username and password to login.

Login

System: General Setup



System

Hostname

pfSense

Name of the firewall host, without domain part
e.g. firewall

Domain

pstm.local

Do not use 'local' as a domain name. It will cause local hosts running mDNS (avahi, Bonjour, etc.) to be unable to resolve local hosts not running mDNS.
e.g. mycorp.com, home, office, private, etc.

DNS servers

DNS Server

Use gateway

192.168.30.100	none
192.168.30.1	WAN_DHCP - wan - 192.168.1.1
8.8.8.8	none
	none

Enter IP addresses to be used by the system for DNS resolution. These are also used for the DHCP service, DNS forwarder and for PPTP VPN clients.

In addition, optionally select the gateway for each DNS server. When using multiple WAN connections there should be at least one unique DNS server per gateway.

☒ **Allow DNS server list to be overridden by DHCP/PPP on WAN**

If this option is set, pfSense will use DNS servers assigned by a DHCP/PPP server on WAN for its own purposes (including the DNS forwarder). However, they will not be assigned to DHCP and PPTP VPN clients.

☐ **Do not use the DNS Forwarder as a DNS server for the firewall**

By default localhost (127.0.0.1) will be used as the first DNS server where the DNS Forwarder or DNS Resolver is enabled and set to listen on Localhost, so system can use the local DNS service to perform lookups. Checking this box omits localhost from the list of DNS servers.

Time zone

Etc/UTC

Select the location closest to you

NTP time server

0.pfsense.pool.ntp.org

Use a space to separate multiple hosts (only one required). Remember to set up at least one DNS server if you enter a host name here!

Language

English

Choose a language for the webConfigurator

Theme

pfSense-ng

This will change the look and feel of pfSense.

Save

Interfaces: LAN



General configuration	
Enable	☒ Enable Interface
Description	LAN Enter a description (name) for the interface here.
IPv4 Configuration Type	Static IPv4 ▾
IPv6 Configuration Type	None ▾
MAC address	Insert my local MAC address This field can be used to modify ("spoof") the MAC address of this interface (may be required with some cable connections) Enter a MAC address in the following format: XX:XX:XX:XX:XX:XX or leave blank.
MTU	If you leave this field blank, the adapter's default MTU will be used. This is typically 1500 bytes but can vary in some circumstances.
MSS	If you enter a value in this field, then MSS clamping for TCP connections to the value entered above minus 40 (TCP/IP header size) will be in effect.
Speed and duplex	Advanced - Show advanced option
Static IPv4 configuration	
IPv4 address	192.168.30.1 / 24 ▾
IPv4 Upstream Gateway	None ▾ - or add a new one. If this interface is an Internet connection, select an existing Gateway from the list or add a new one using the link above. On local LANs the upstream gateway should be "none".
Private networks	
☐ Block private networks When set, this option blocks traffic from IP addresses that are reserved for private networks as per RFC 1918 (10/8, 172.16/12, 192.168/16) as well as loopback addresses (127/8). You should generally leave this option turned on, unless your WAN network lies in such a private address space, too.	
☐ Block bogon networks When set, this option blocks traffic from IP addresses that are reserved (but not RFC 1918) or not yet assigned by IANA. Bogons are prefixes that should never appear in the Internet routing table, and obviously should not appear as the source address in any packets you receive.	
Note: The update frequency can be changed under System->Advanced Firewall/NAT settings.	
Save Cancel	

Interfaces: WAN



General configuration	
Enable	☒ Enable Interface
Description	WAN Enter a description (name) for the interface here.
IPv4 Configuration Type	DHCP
IPv6 Configuration Type	None
MAC address	Insert my local MAC address This field can be used to modify ("spoof") the MAC address of this interface (may be required with some cable connections) Enter a MAC address in the following format: XX:XX:XX:XX:XX:XX or leave blank
MTU	If you leave this field blank, the adapter's default MTU will be used. This is typically 1500 bytes but can vary in some circumstances.
MSS	If you enter a value in this field, then MSS clamping for TCP connections to the value entered above minus 40 (TCP/IP header size) will be in effect.
Speed and duplex	Advanced - Show advanced option

DHCP

System
Interfaces
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Services: DHCP server

LAN

☒ Enable DHCP server on LAN interface

☐ Deny unknown clients
If this is checked, only the clients defined below will get DHCP leases from this server.

Subnet192.168.30.0

Subnet mask255.255.255.0

Available range192.168.30.1 - 192.168.30.254

Range192.168.30.101to192.168.30.150

Additional PoolsIf you need additional pools of addresses inside of this subnet outside the above Range, they may be specified here.

Pool Start	Pool End	Description

WINS servers

DNS servers

192.168.30.100

8.8.8.8

NOTE: leave blank to use the system default DNS servers - this interface's IP if DNS forwarder is enabled, otherwise the servers configured on the General page.

Gateway192.168.30.1

The default is to use the IP on this interface of the firewall as the gateway. Specify an alternate gateway here if this is not the correct gateway for your network. Type "none" for no gateway assignment.

Domain name

The default is to use the domain name of this system as the default domain name provided by DHCP. You may specify an alternate domain name here.

Domain search list

The DHCP server can optionally provide a domain search list for the clients. Specify the domain names here.

FAILOVER LOADBALANCING

Services: Load Balancer: Pool: Edit



Add/edit Load Balancer - Pool entry

Name	
Mode	Load Balance ▼ Load Balance Manual Failover
Description	
Port	 This is the port your servers are listening on. You may also specify a port alias listed in Firewall -> Aliases here.
Retry	 Optionally specify how many times to retry checking a server before declaring it down.

Add item to pool

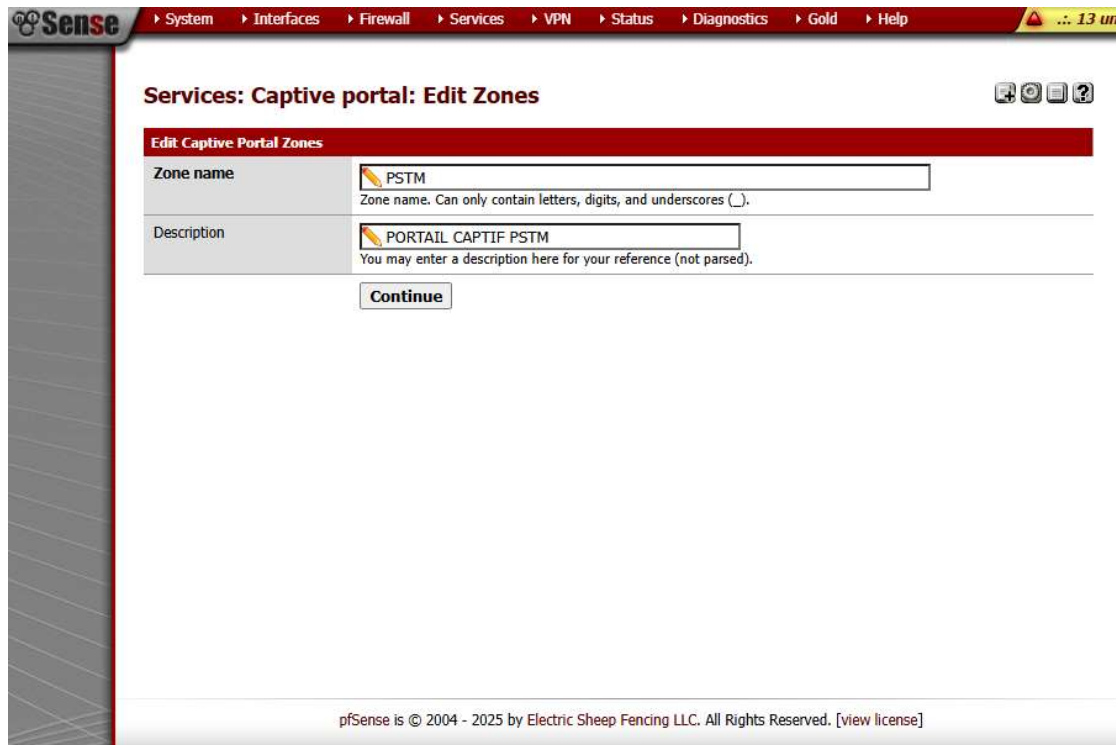
Monitor	ICMP ▼
Server IP Address	Add to pool

Current Pool Members

Members	Pool Disabled Enabled (default) ▼ ▼ Remove Remove
---------	--

↵

PORTAIL CAPTIF



WIFI

Interfaces: WIFIPFSENSE



General configuration

Enable	☒ Enable Interface
Description	WIFIPFSENSE Enter a description (name) for the interface here.
IPv4 Configuration Type	DHCP
IPv6 Configuration Type	None
MAC address	 Insert my local MAC address This field can be used to modify ("spoof") the MAC address of this interface (may be required with some cable connections) Enter a MAC address in the following format: XX:XX:XX:XX:XX:XX or leave blank
MTU	 If you leave this field blank, the adapter's default MTU will be used. This is typically 1500 bytes but can vary in some circumstances.
MSS	 If you enter a value in this field, then MSS clamping for TCP connections to the value entered above minus 40 (TCP/IP header size) will be in effect.
Speed and duplex	Advanced - Show advanced option

DHCP client configuration ☐ Advanced ☐ Config File Override

Hostname	192.168.30.1 The value in this field is sent as the DHCP client identifier and hostname when requesting a DHCP lease. Some ISPs may require this (for client identification).
Alias IPv4 address	32 The value in this field is used as a fixed alias IPv4 address by the DHCP client.
Reject Leases From	 If there is a certain upstream DHCP server that should be ignored, place the IP address or subnet of the DHCP server to be ignored here. This is useful for rejecting leases from cable modems that offer private IPs when they lose upstream sync.

Common wireless configuration - Settings apply to all wireless networks on ath0.

Persist common settings	☐ Enabling this preserves the common wireless configuration through interface deletions and reassignments.
Standard	auto
802.11g OFDM Protection Mode	Protection mode off For IEEE 802.11g, use the specified technique for protecting OFDM frames in a mixed 11b/11g network.

